PROJECT TITLE : CIGARETTE AND SMOKE ANALYSIS

PERIOD COVERED : MAY 21 - JUNE 20 1981

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CIGARETTE INFORMATION REPORT (CIR)

The dilution values of the cigarettes obtained up till now by all the PME laboratories do not correspond to the actual values due to the high internal pressure drop of the PME instrument.

From July 1 1981 onwards, all the affiliates will use a new instrument developed by PM-USA. This instrument, called PDI-DDI is characterized by a very low internal pressure drop and gives higher dilution values than the old one.

A regression curve was established to correct all the dilution values of the diluted brands mentioned in the CIR. These new values will be indicated in the CIR No. 6-7/1981.

This regression curve is of the type $y = ax + b$,

x being dilution obtained with the old instrument

y being dilution obtained with the US PDI-DDI instrument

$$y = 1.39\ x - 2.1$$

This regression curve was established with cigarettes having dilution values between 10 and 50 %.

The coefficient of correlation of this curve is very good ($r = 0.97$) but it should be pointed out that the slope of the curve for the dilution can be slightly modified according to the level of RTD and the type of tipping perforation of the cigarettes used to determine this curve.

PRODUCT REPORTS

Product reports were written on the following new or modified brands:

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Source: https://www.industrydocuments.ucsf.edu/docs/xjhk0000

Brand	Manufacturer	Country of sale
Savoy Mild Menthol 84/F (line extension)	Scandinavian Tob. C.	Denmark
Savoy Special Mild 83/F (line extension)	Scandinavian Tob. C.	Denmark
Rothmans K.S. Special Mild 84/F (line extension)	Rothmans	Norway
South State Mild 84/F (line extension)	Tiedemanns	Norway
Caballero 70/NF (imported)	Laurens NL	Switzerland
Caballero 84/F (imported)	Laurens NL	Switzerland
Mary Long No. 1 80/F (new brand)	BAT	Switzerland
Cartier Luxury Mild 94/F (new brand)	Carreras-Rothmans	United Kingdom
Kent Golden Lights 94/F (new brand)	BAT	United Kingdom
Sovereign Special Mild 84/F (line extension)	Gallaher	United Kingdom

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